

DEC 0 8 2004

FAX TRANSMISSION**DATE:** December 8, 2004**PTO IDENTIFIER:** Application Number 10/714,966-Conf. #4605
Patent Number**Inventor:** Cyril Cabral, Jr. et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP
Joseph Barrera**PHONE:** (202) 331-7111**Attorney Dkt. #:** 20140-00308-US1**PAGES (Including Cover Sheet):** 15**CONTENTS:** Amendment in Response to Non-Final Office Action (12 pages);
Transmittal (1 page); and
Certificate of Transmission under 37 CFR 1.8 (1 page).

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PTO/SB/97 (12-97)

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Amendment in Response to Non-Final Office Action (12 pages);
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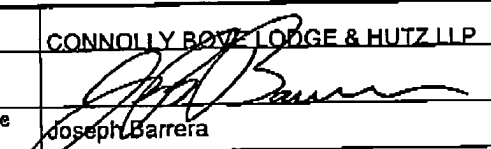
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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/714,966-Conf. #4605
		Filing Date	November 18, 2003
		First Named Inventor	Cyril Cabral, Jr.
		Art Unit	2811
		Examiner Name	H. K. Vu
Total Number of Pages in This Submission	13	Attorney Docket Number	20140-00308-US1

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	CONNOLLY BOVE LODGE & HUTZ LLP		
Signature			
Printed name	Joseph Barrera		
Date	12-7-04	Reg. No.	44,522

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Docket No.: 20140-00308-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Cyril Cabral, Jr. et al.

Application No.: 10/714,966

Confirmation No.: 4605

Filed: November 18, 2003

Art Unit: 2811

For: ELECTROPLATED COWP COMPOSITES
STRUCTURES AS COPPER BARRIER
LAYERS

Examiner: H. K. Vu

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated November 4, 2004, please amend the application as follows: